## EAST Search History

| Ref<br># | Hits | Search Query  | DBs   | Default<br>Operator | Plurals | Time Stamp          |
|----------|------|---|---|---------------------|---------|---------------------|
| L1       | 139  | ((rotary near5<br>valve\$1) with lobe<br>\$1)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2009/02/02<br>12:13 |
| L2       | 8    | ((rotary near5<br>valve\$1) with lobe<br>\$1) and (toroid or<br>toroidal or torus)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2009/02/02<br>12:29 |
| L4       | 8    | ((rotary near5<br>valve\$1) with lobe<br>\$1) and (toroid or<br>toroidal or torus)<br>and cylinder\$1   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2009/02/02<br>12:29 |
| L5       | 7    | ((rotary near5<br>valve\$1) with lobe<br>\$1) and (toroid or<br>toroidal or torus)<br>and cylinder\$1<br>and (impeller or<br>wheel or vane\$1)                  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2009/02/02<br>12:30 |
| L6       | 8    | [((rotary near5<br>valve\$1) with lobe<br>\$1) and (toroid or<br>toroidal or torus)<br>and cylinder\$1<br>and (impeller or<br>wheel or vane\$1<br>or piston\$1) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR .                | OFF     | 2009/02/02<br>12:30 |
| L7       | 1    | ("3188919").<br>URPN.   | USPAT   | OR                  | OFF     | 2009/02/02<br>12:31 |
| L8       | 16   | ("3070075"  <br>  "3188919"  <br>  "3229590"  <br>  "3281065"  <br>  "3312146"  <br>  "3446120").PN.<br>  OR ("3731597").<br> URPN.                             | US-PGPUB;<br>USPAT; USOCR   | OR                  | OFF     | 2009/02/02<br>12:31 |

| L9  | 2645 | ((rotary near5<br>valve\$1) with<br>((cam or<br>camming)<br>near3lobe\$1))  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/02/02<br>12:34 |
|-----|------|---|---|----|-----|---------------------|
| L10 | 55   | ((rotary near5<br>valve\$1) with<br>((cam or<br>camming) near3<br>lobe\$1))   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/02/02<br>12:34 |
| L11 | 1    | ((rotary near5<br>valve\$1) with<br>(extend\$3 near5<br>((cam or<br>camming) near3<br>lobe\$1)))                              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/02/02<br>12:34 |
| L12 | 4    | ((rotary near5<br>valve\$1) with<br>(extend\$3 near5<br>lobe\$1))   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/02/02<br>12:35 |
| L13 | 1    | ((rotary near5<br>valve\$1) with<br>(extend\$3 near5<br>lobe\$1)) and<br>(toroid or toroidal<br>or torus)                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/02/02<br>12:37 |
| L14 | 0    | ((rotary near5<br>valve\$1) with<br>(extend\$3 near5<br>node\$1)) and<br>(toroid or toroidal<br>or torus)                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/02/02<br>12:40 |
| L15 | 156  | (extend\$3 near5<br>node\$1) and<br>(toroid or toroidal<br>or torus)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/02/02<br>12:40 |
| L16 | 20   | (extend\$3 near5<br>node\$1) and<br>((toroid or<br>toroidal or torus)<br>near5 (housing or<br>casing or case or<br>cylinder)) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/02/02<br>12:41 |

| L17 | 10 | (rotary near5<br>(engine\$1 or<br>pump or machine<br>or device)) and<br>(extend\$3 near5<br>(node\$1 or<br>lobes)) and<br>((toroid or<br>toroidal or torus)<br>near5 (housing or<br>casing or case or<br>cylinder))  | US-PGPUB;<br>USPAT;<br>USOCR; FPPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | OFF | 2009/02/02<br>13:00 |
|-----|----|--|--|------|-----|---------------------|
| L18 | 1  | (rotary near5<br>(engine\$1 or<br>pump or machine<br>or device)) and<br>(extend\$3 near5<br>(node\$1 or<br>lobes)) and<br>((toroid or<br>toroidal or torus)<br>near5 (housing or<br>casing or case or<br>cylinder)) and<br>(rotary near5 valve<br>\$1)           | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OA . | OFF | 2009/02/02<br>13:01 |
| L19 | O  | (((rotary near5<br>(engine\$1 or<br>pump or machine<br>or device)) and<br>(extend\$3 near5<br>(node\$1 or<br>lobes)) and<br>(((toroid or<br>toroidal or torus)<br>near5 (housing or<br>casing or case or<br>cylinder)) and<br>((rotary near5 valve<br>\$1)).clm. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR . | OFF | 2009/02/02<br>13:01 |

2/2/09 1:02:36 PM

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